

**Upper Salmon Basin Watershed Program
Advisory Committee Meeting Notes
Thursday, April 4, 2019 @ 1 p.m.
Upper Salmon Basin Watershed Program – Salmon, Idaho**

Present: Daniel Bertram (USBWP), Abbie Gongloff (USBWP), Mike Edmondson (OSC), Chris Gaughan (USBWP), Windy Schoby (IDFG), Mike Overacker (LRLT), Todd Blythe (USBWP), Jeff DiLuccia (IDFG), Paddy Murphy (IDFG), Linda Price (BLM), Harley Wallis (Pahsimeroi Landowner), Steve Stringham (Fly Box), Shannon Williams (Lemhi County Extension), Tom Ford (SCNF), Bruce Mulkey (Lemhi Landowner), V. Don Olson (Lemhi Landowner), Cindy Salo (Private Citizen), Troy Barry (IDFG), Art Butts (IDFG), Cory Mosby (IDFG).

Welcome and Introductions

February 8, 2019 Meeting Notes: Approved meeting notes.

Presentations:

- Beaver Ecology (Cory Mosby, IDFG) – The US and Canada once had an estimated 100 million beaver with an inundation area the size of two large western US States. Today, after recovering from being nearly trapped out in the 1800's the population is estimated at 12 million with the majority east of the Mississippi. Adults mate for life and juveniles disperse from lodges after their first year. The juveniles set up new territories. The BRAT tool developed at Utah State University is a new tool to determine where new beaver colonization (or beaver dam analogs) is favorable. The tool uses vegetation, hydrology, terrain, and infrastructure as variables in the model. However, research has found only 1 in 15 released beaver is successful. Success is greater if a whole family group is moved together in late fall. Beaver harvest in Idaho is relatively low with annual trapping around 1500 individuals by approximately 300 trappers. IDFG uses trap per unit effort as an index for population estimates. Temporary closure areas for beaver trapping are a possible tool for ecological restoration. Working with beavers or beaver dam analogs takes partnerships, permitting, training, and money. The burden of success is important so that agencies are not blamed for problems created by this type of stream restoration.

New Business

- Advisory Committee Chair and Vice Chair – A nomination was made for Bruce Mulkey to serve in a 1-year interim Chair position until another longer term Chair can be found. All were in favor. Linda Price was nominated for Vice Chair. All were in favor.

Tech Team Update

- Subcommittees have been meeting and organizing projects for next year. The North Fork Salmon has a new subcommittee which met for the first time this week. Habitat capacity modelling tools are being refined to address recovery goals. The comprehensive weeds and seeds program for all projects is a very helpful way moving forward. A permitting workshop is planned for April 17 with agencies and contractors. The Tech Team had a similar presentation as Advisory Committee on Beaver Ecology this week. The 2019 Tech Team Campout will be the second week of August and take place in Panther Creek and the North Fork of the Salmon. All Advisory members are welcome to attend the campout.

USBWP project updates

- A big picture overview of Pratt and Wimpey Creek projects were presented
- Pratt Creek Trout Unlimited video was presented. It can be viewed here:
<https://www.youtube.com/watch?v=mOIJS4oaOZQ>
- Bruce Mulkey gave an overview of his water issues related to the Pratt Creek project
- Bohannon- Wellard project is moving forward with a new powerline, POD transfers, and a new stockwater right

- The Hayden Fence Project is being installed to keep Salmon redds safe from trampling
- Shannon requested that a two-sentence update for each project be included on the next Advisory Meeting Agenda

BLM update

- No update.

SCNF update

- Forest Plan Revision is ongoing
- Lemhi diversion BA is ongoing
- Deputy forest supervisor is moving to the Beaverhead/Deer Lodge

IDFG Update

- Cow elk depredation hunts have been moved from winter to October and November.

Harley Wallis

- Public Lands no longer feel public because you need a permit to do anything.

NRCS

- No update.

UI Cooperative Extension – Salmon

- Ag Week was a great success.

OSC

- Scott Pugrud is the new OSC Director. He has a ranching background from Central Montana and is very interested in the fisheries program. The 2019 Andrus Center Environmental Conference is April 23 and will focus on Energy, Salmon, and Agriculture this year. Governor Little and Congressman Simpson are the key note speakers. John Richards is the new OSC Legal Council. OSC is working on policy issues surrounding species reintroduction and energy relicensing.

Lemhi Regional Land Trust

- The annual Land Trust BBQ is June 28
- The LWCF has been renewed for funding
- LRLT is looking for opportunities for public land access agreements

Recreation

- Steve Stringham commented that the steelhead season was lack-luster, but the summer boating season should be good due to the healthy snowpack.

Adjourn

The next Advisory Committee Meeting is scheduled for June 6, 2019.

Commonly used Acronyms:

25/35	Minimum flows required at L-6
ACEP	Agricultural Conservation Easement Program
AEM	Action Effectiveness Monitoring
AFS	American Fisheries Society
ANS	Aquatic Nuisance Species
AREMP	Aquatic and Riparian Effectiveness Monitoring Program
BA	Biological Assessment
BACI	Before, After, Control, Impact (study design type)
BEF	Bonneville Environmental Foundation
BLM	Bureau of Land Management
BMS	Beaver Mimicry Structure
BO/BiOp	Biological Opinion
BPA	Bonneville Power Administration
CHaMP	Columbia Habitat Monitoring Program
CMZ	Channel Migration Zone
CREP	Conservation Reserve Enhancement Program
CRSO	Columbia River System Operations
CSWCD	Custer Soil and Water Conservation District
CWT	Coded Wire Tags
DEQ	Idaho Department of Environmental Quality
DPS	Distinct Population Segment
EA	Environmental Assessment
EIS	Environmental Impact Statement
ELJ	Engineered Log Jam
EQIP	Environmental Quality Incentives Program
ESA	Endangered Species Act
ESU	Evolutionarily Significant Unit
FCRPS	Federal Columbia River Power System
FIA	Forest Inventory and Analysis program (USFS)
FLPMA	Federal Land Policy and Management Act
Four "H"s	The four factors affecting salmon recovery: Hatchery, Hydro, Habitat, Harvest
GIS	Geographic Information System
GM	Geometric Mean
HACCP	Hazard Analysis and Critical Control Point
HGMP	Hatchery Genetic Management Plan
HPA	Hydraulic Project Approval
HSRG	Hatchery Scientific Review Group
IDFG	Idaho Department of Fish and Game
IDWR	Idaho Department of Water Resources
IMW	Intensively Monitored Watershed
IS	Implementation Schedule
ISEMP	Integrated Status and Effectiveness Monitoring Project
ISRP	Independent Scientific Review Panel

IT	Implementation Team
L-x	L- "fill in the blank" refers to any Lemhi River Diversion e.g. L-63
IWRB	Idaho Water Resource Board
LRBM	Lemhi River Basin Model (Mike Basin Model for the Lemhi)
LRLT	Lemhi Regional Land Trust
LSWCD	Lemhi Soil and Water Conservation District
LW/LWD	Large Wood/Large Woody Debris
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MPG	Major Population Group
NFF	National Forest Foundation
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NPCC	Northwest Power and Conservation Council
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
OSC	Idaho Governor's Office of Species Conservation
P-x	P- "fill in the blank" refers to any Pahsimeroi River Diversion e.g. P-16
PCSRF	Pacific Coastal Salmon Recovery Fund
PHABSIM	Physical Habitat Simulation
PIBO	PACFISH/INFISH* Biological Opinion
PIT Tag	Passive Integrated Transponder Tag
PNAMP	Pacific Northwest Aquatic Monitoring Partnership
QAQC	Quality Assurance, Quality Control
QRF	Quantile Regression Forests
RA	Reach Assessment
RFP	Request for Proposals
RM	River Mile
RM&E	Research, Monitoring and Evaluation
RPA	Reasonable and Prudent Alternative(s)
S-x	S- "fill in the blank" refers to any Salmon River Diversion e.g. S-22
SBT	Shoshone-Bannock Tribes
SNRA	Sawtooth National Recreation Area
SOW	Statement of Work
STEM Database	Status, Trend and Effectiveness Monitoring database at NOAA's Northwest Fisheries Science Center
TA	Tributary Assessment
TNC	The Nature Conservancy
TRM&E	Tributary Research, Monitoring and Evaluation
TRT	Technical Recovery Team (NOAA)
TT	USBWP Technical Team
TU	Trout Unlimited
USACE	United States Army Corps of Engineers
USBR	Bureau of Reclamation
USBWP	Upper Salmon Basin Watershed Program

USDA	United States Department of Agriculture
USFS	US Forest Service
USFWS	United States Fish and Wildlife Service
USGS	US Geological Survey
VSP	Viable Salmonid Population
WAC	USBWP Advisory Committee
WAG	DEQ Watershed Advisory Group
WRP	Wetland Reserve Program
*PACFISH/ INFISH	The PACFISH/INFISH Biological Opinion (PIBO) Effectiveness Monitoring Program was initiated in 1998 to provide a consistent framework for monitoring aquatic and riparian resources on most Forest Service and Bureau of Land Management lands within the Upper Columbia River Basin.